

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"439"/\$.ccls. and ((needle or tip) with titanium).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 15:33
S2	1	"439"/\$.ccls. and ((needle or tip) same titanium).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 20:49
S3	10	"324"/\$.ccls. and ((needle or tip) same titanium).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 20:57
S4	38	("4001685"   "4956923"   "5065103"   "5116462"   "5155715"   "5171992"   "5189377"   "5210410"   "5260926"   "5267471"   "5272443"   "5321352"   "5357109"   "5381101"   "5399232"   "5399983"   "5450746"   "5455419"   "5488305"   "5509300"   "5592736"   "5844251"   "5936243").PN. OR ("6198300"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 20:56
S5	0	S4 and ((needle or tip) same titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 20:57
S6	5	S4 and (titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 21:14
S7	132	("4585991"   "4899107"   "4937653"   "4943343"   "4952272"   "5073117"   "5177438"   "5177439"   "5207585"   "5323035"   "5326428"   "5419807"   "5478779"   "5483741").PN. OR ("5592736").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 21:14

## EAST Search History

S8	74	S7 and (titanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 21:14
S9	10	S7 and (titanium near nitride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 21:14
S10	42	"5944537"	USPAT	OR	OFF	2006/06/26 14:07
S11	7	(US-20030100228-\$).did. or (US-6426638-\$ or US-6436821-\$ or US-6815962-\$ or US-6646314-\$ or US-6198300-\$ or US-5592736-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/08/25 17:41
S12	7	(US-20030100228-\$).did. or (US-6426638-\$ or US-6436821-\$ or US-6815962-\$ or US-6646314-\$ or US-6198300-\$ or US-5592736-\$). did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 17:41
S13	7	(US-20030100228-\$).did. or (US-6426638-\$ or US-6436821-\$ or US-6815962-\$ or US-6646314-\$ or US-6198300-\$ or US-5592736-\$)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 17:42
S14	7	(US-20030100228-\$) or (US-6426638-\$ or US-6436821-\$ or US-6815962-\$ or US-6646314-\$ or US-6198300-\$ or US-5592736-\$)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 17:42
S15	0	("(US-20030100228-\$)or(US-64266 38-\$orUS-6436821-\$orUS-6815962- \$orUS-6646314-\$orUS-6198300-\$or US-5592736-\$)").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/25 17:42
S16	7	((("20030100228") or ("6426638") or ("6436821") or ("6815962") or ("6646314") or ("6198300") or ("5592736"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/25 17:43
S17	182	"20030100228" "6426638" "6436821" "6815962" "6646314" "6198300" "5592736"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 17:43

## EAST Search History

S18	29	("3795037"   "3806801"   "4189825"   "4312117"   "4585991"   "4912399"   "4916002"   "4961052"   "5012187"   "5055780"   "5073117"   "5172050"   "5225771"   "5513430"   "5531022"   "5559444"   "5611696"   "5841291"   "5878486"   "5977787"   "6068669"   "6084420"   "6202297").PN. OR ("6426638"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/25 18:54
S19	6	("20010008707" "5023561" "5469733" "5944537" "6032994" "6352454").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/25 18:54
S20	4	((("5155715") or ("5509300") or ("5065103") or ("5357109"))).PN.	USPAT	OR	OFF	2006/08/25 19:02
S21	1	(silicon adj cantilever).ti.	USPAT	OR	OFF	2006/08/25 19:02
S22	12	(silicon adj cantilever).ab.	USPAT	OR	OFF	2006/08/25 19:02
S23	11	(US-20030100228-\$).did. or (US-5614663-\$ or US-6815962-\$ or US-6198300-\$ or US-6646314-\$ or US-5592736-\$ or US-6139759-\$ or US-6436821-\$ or US-6066265-\$ or US-5594166-\$ or US-6426638-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/12/17 15:32
S24	0	S23 and elemental near2 nitride	US-PGPUB; USPAT	OR	OFF	2006/12/17 14:30
S25	0	S23 and elemental near2 titanium	US-PGPUB; USPAT	OR	OFF	2006/12/17 14:31
S26	84	(titanium near nitride) with (elemental near2 titanium)	US-PGPUB; USPAT	OR	OFF	2006/12/17 14:31
S27	85	(titanium near nitride) with (elemental near2 titanium)	US-PGPUB; USPAT	OR	ON	2006/12/17 14:31
S28	84	(titanium near nitride) with (elemental near titanium)	US-PGPUB; USPAT	OR	ON	2006/12/17 14:31
S29	1	"20040239921"	US-PGPUB; USPAT	OR	OFF	2006/12/17 15:32

## EAST Search History

S30	96	("20040239921" "6032994" "6339257" "20020011669" "5532613" "5690998" "4366703" "5004977" "5291129" "5959241" "5969238" "6034534" "6162216" "6350957" "6368851" "6827584" "6965791" "7048548" "20040102064" "20050183954" "20060211278" "5818249" "4382228" "5214375" "5403311" "5585737" "5631573" "5792059" "5914613" "4585727" "4629984" "4826492" "4850359" "4864227" "4899099" "4929893" "5280236" "5355080" "5369490" "5410259" "5446393" "5457392" "5500607" "5642054" "5660565" "5751685" "5758537" "5767691" "5886922" "5890390" ).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 15:34
S31	24	S30 and "324"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 15:34
S32	9	S30 and "257"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 15:34
S33	1	S30 and "438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 15:35
S34	2	S31 and titanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 15:46
S35	5	S32 and titanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 15:40

## EAST Search History

S36	1	S33 and titanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 15:36
S37	14	(US-20030100228-\$ or US-20020011669-\$ or US-20040239921-\$).did. or (US-6815962-\$ or US-6646314-\$ or US-6066265-\$ or US-5614663-\$ or US-5594166-\$ or US-6139759-\$ or US-5592736-\$ or US-6436821-\$ or US-6198300-\$ or US-6339257-\$ or US-6426638-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/24 20:39
S38	11	S37 and titanium	US-PGPUB; USPAT	OR	OFF	2006/12/24 20:39
S39	0	S37 and titanium and nitride	US-PGPUB; USPAT	OR	OFF	2006/12/24 20:39
S40	10	S37 and titanium and nitride	US-PGPUB; USPAT	OR	OFF	2006/12/24 22:36
S41	0	wo03035541a2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/24 22:36
S42	1	wo003035541a2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/24 22:36